

Claims

1. Control arrangement for a mobile equipment, in particular a wheel loader or a backhoe loader, having a boom pivotable by means of a boom cylinder, and having a shovel(6) pivotally mounted at the boom by means of a shovel cylinder, each comprising a control unit having a pilot control device and a proportional valve for controlling the boom cylinder and the shovel cylinder, characterized by a valve arrangement whereby during lowering of the boom, a control line of the boom control unit acting in the direction of lowering may be connected with a signal line of the shovel control unit, so that the shovel may be taken into a target position by means of the control pressure tapped at the boom control unit.
2. The control arrangement in accordance with claim 1, wherein the valve arrangement is arranged between a boom connecting line connected with the control line and a shovel connecting line connected with an inlet of a shuttle valve, wherein the shuttle valve is connected by another inlet with the signal line and by its outlet with a control chamber of the shovel proportional valve.
3. The control arrangement in accordance with claim 1 or 2, wherein the valve arrangement comprises a switching valve which is spring-biased in its basic position and has a switching solenoid which may be energized by means of an activation switch in an electric circuit.

4. The control arrangement in accordance with claim 3, wherein a position transmitter is arranged in the electric circuit which interrupts the latter as soon as the target position of the shovel is reached.
5. The control arrangement in accordance with any one of the preceding claims, wherein a boom control lever of the boom pilot control device of the boom control unit is adapted to be locked in its end positions.